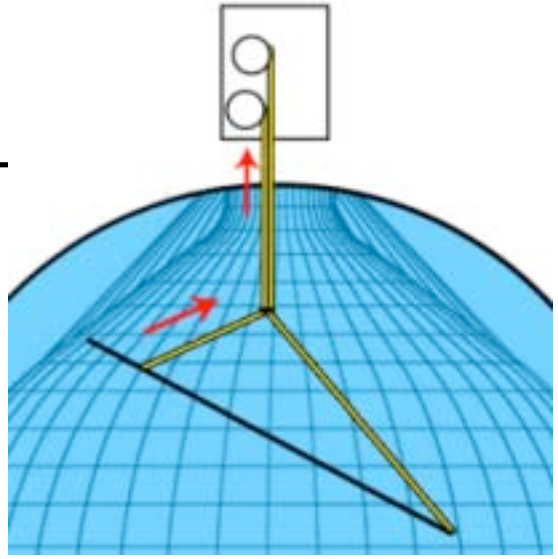
Bldg 88, Bob Shannon

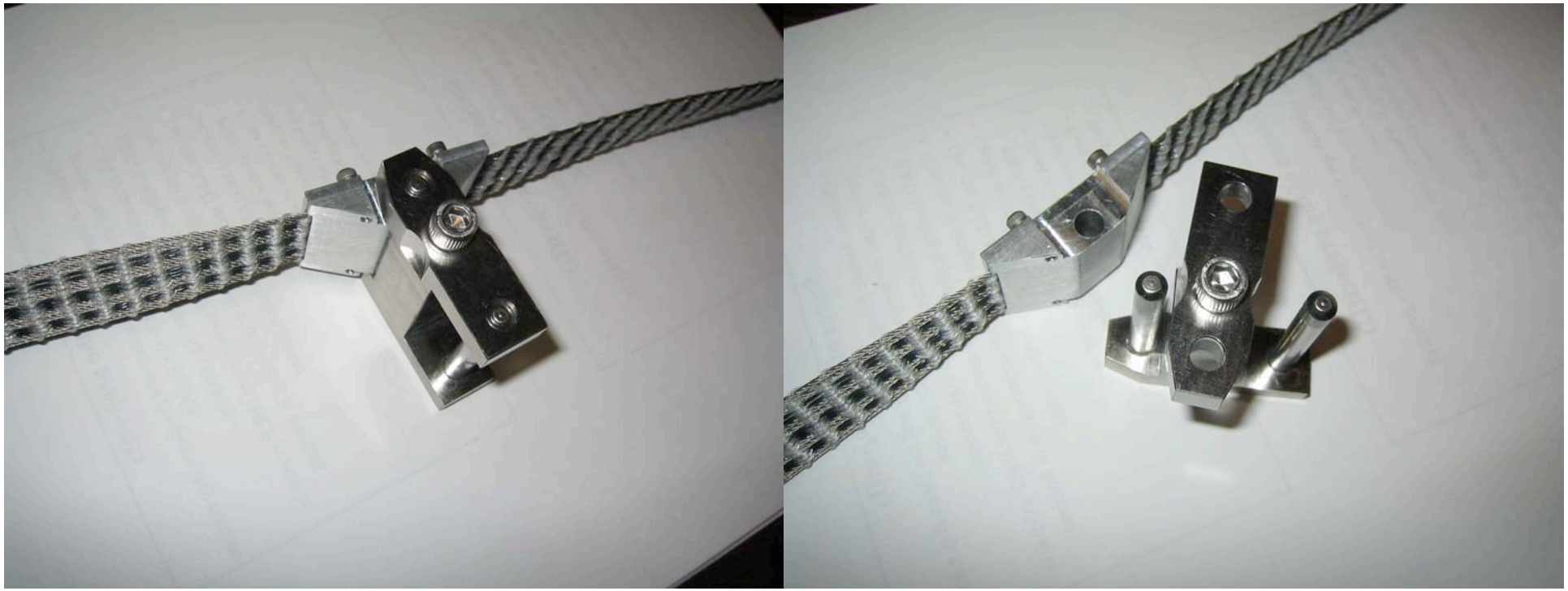
1. Redesign of pivot block
2. Stainless steel cable attachments

The Pivot Block

Needs:

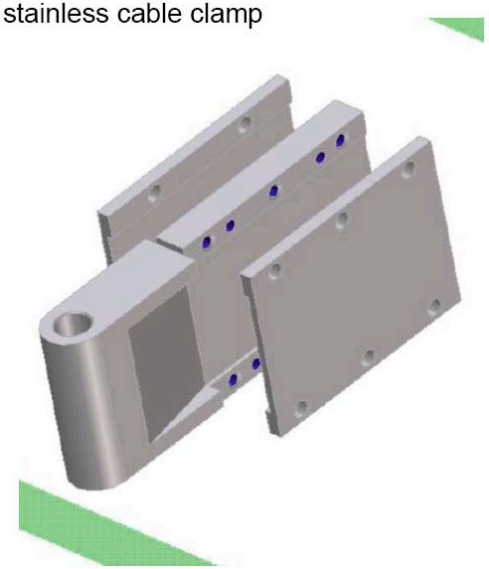
- roller
- improved cable clamp.
- spring and lock mechanism
- attachment for instrumentation unit





Cable Attachments

stainless cable clamp



Needs:

- improved hinges

-stainless steel version

UC campus, Marco Ambrossini

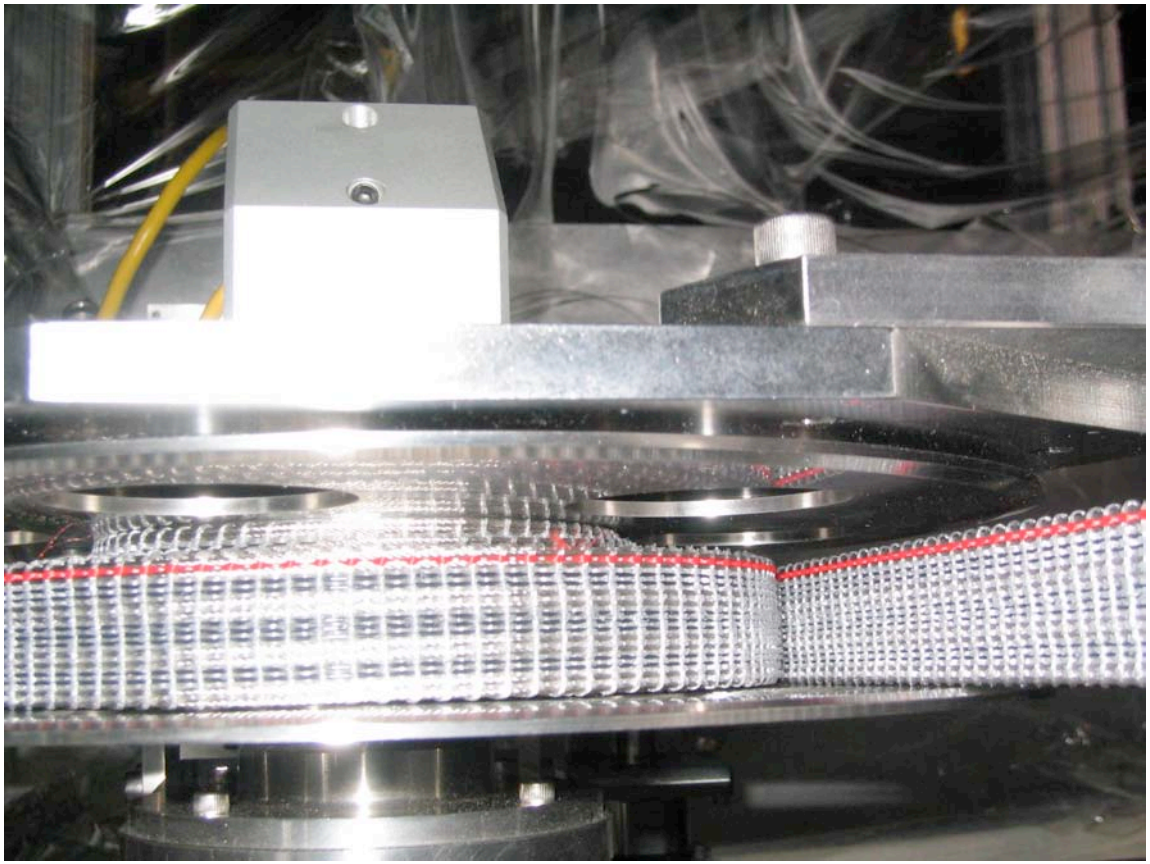
1. Spacer for spools
2. Cable seal plug
3. Cable guides for encoder pulleys
4. Cable guide for pin block
5. Sliding cable weight
6. Source protection cage
7. Lifting fixture

Spools

Needs:

- teflon or stainless spacers on both side of cable to fill spool gap and help guide cable

Quantity: 2 spools

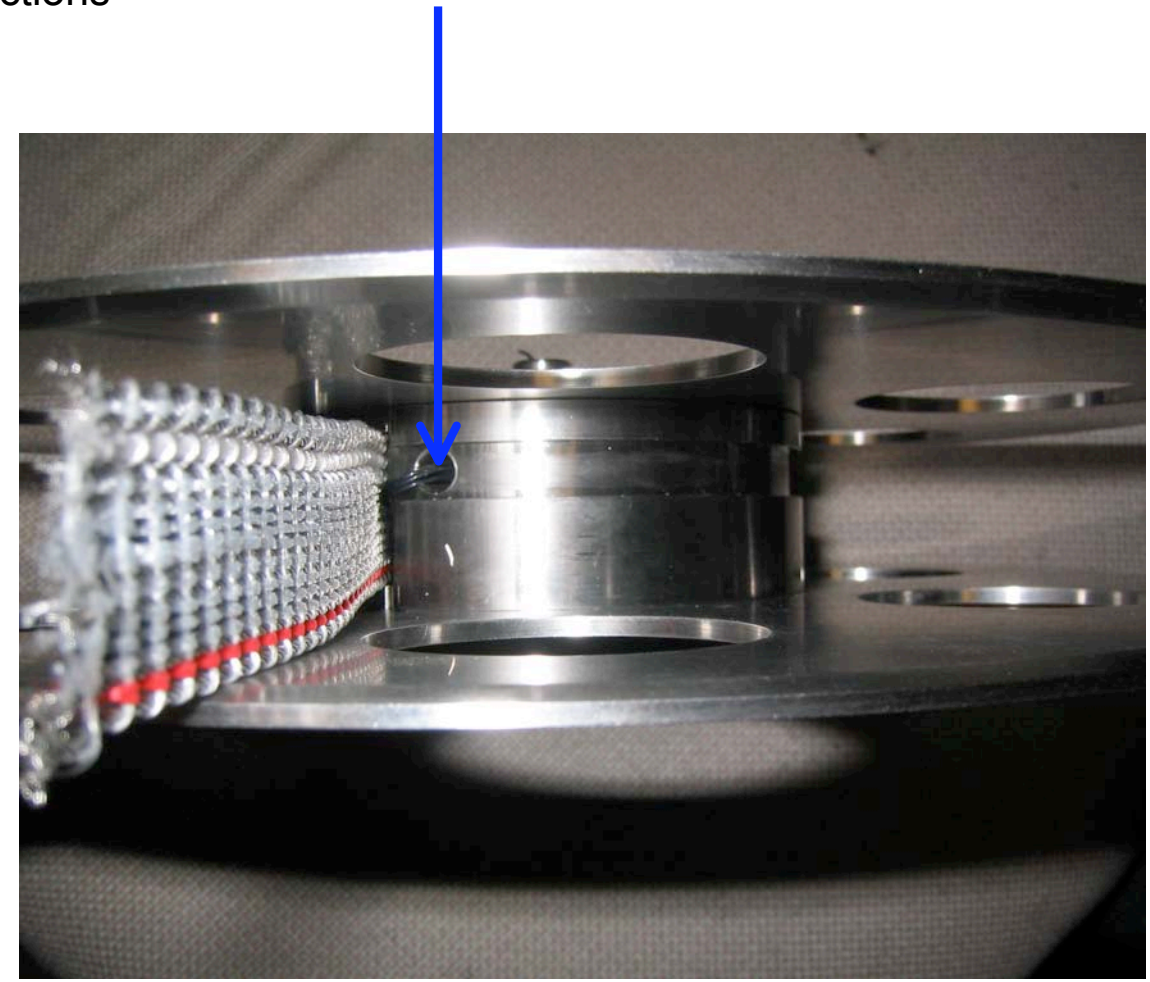


Spools

Needs:

- teflon seal plug for cable connections

Quantity: 2



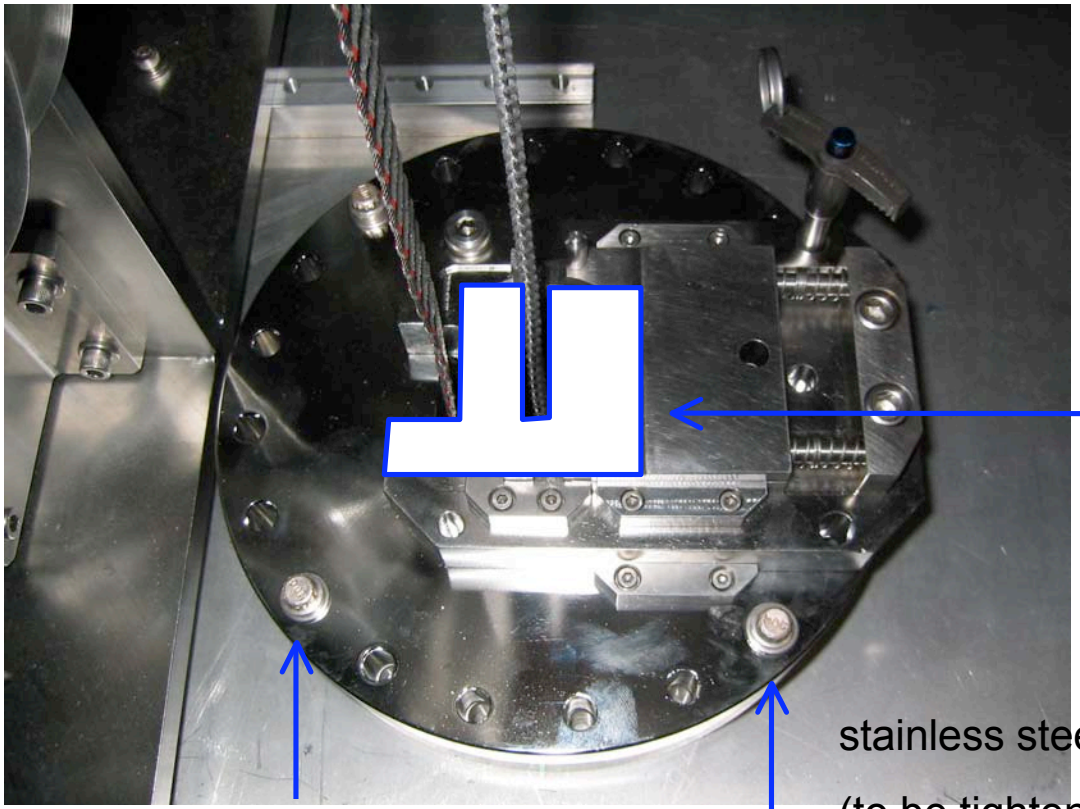
Pin Block

Needs:

- removable teflon cable guide

- stainless steel screws with “handle”

(to be tightened with gloves)

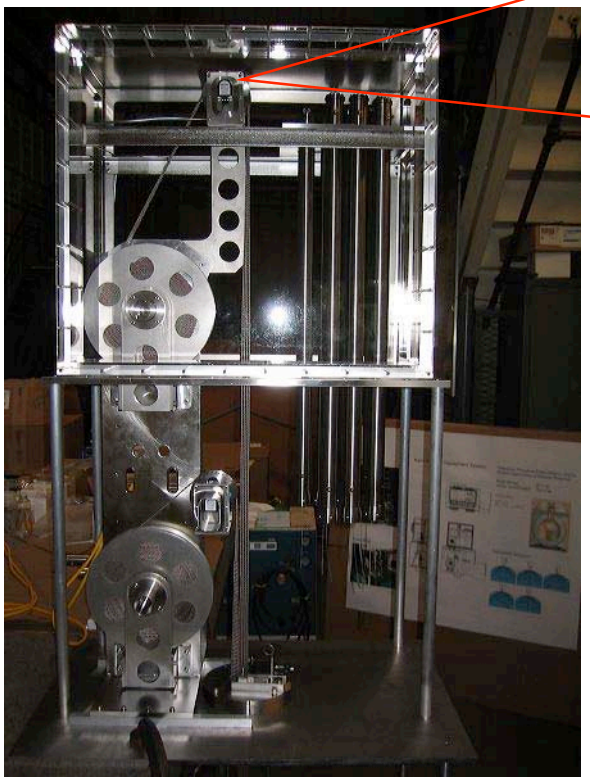


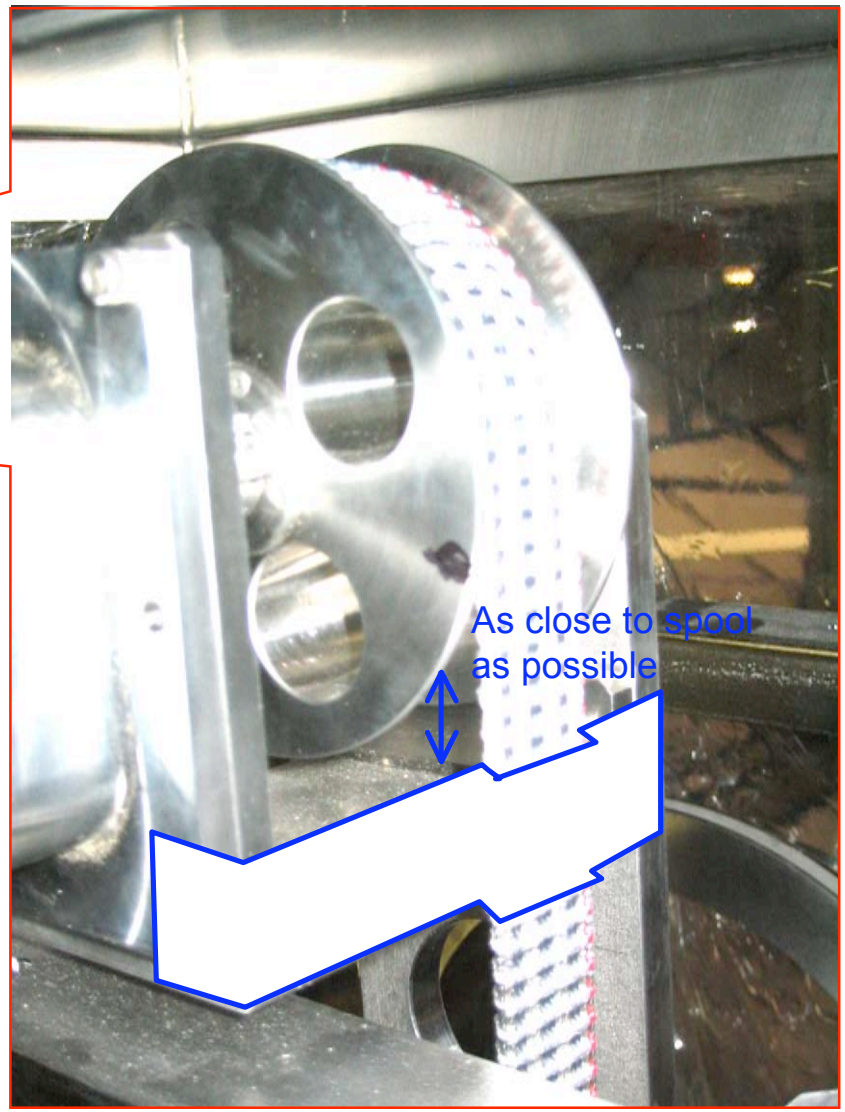
Encoder and Guide Pulleys

Upper Pulley

Needs:

- teflon cable guide for pulley



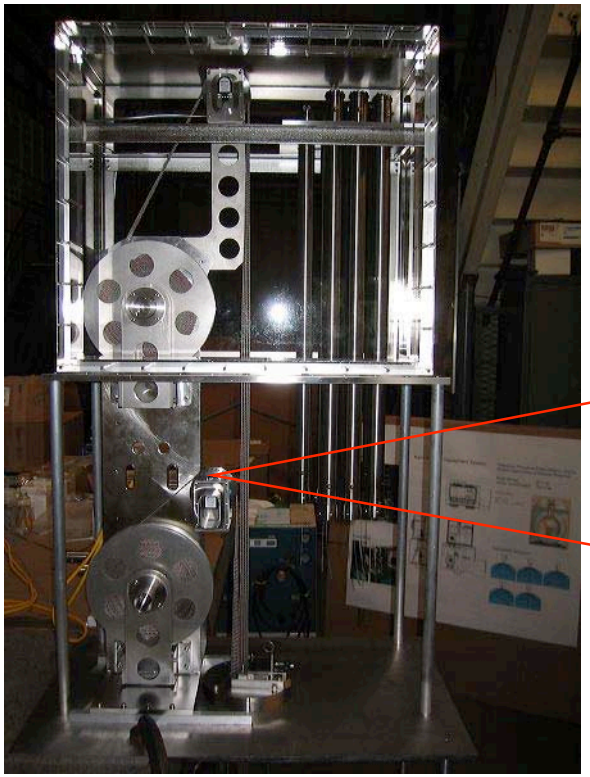


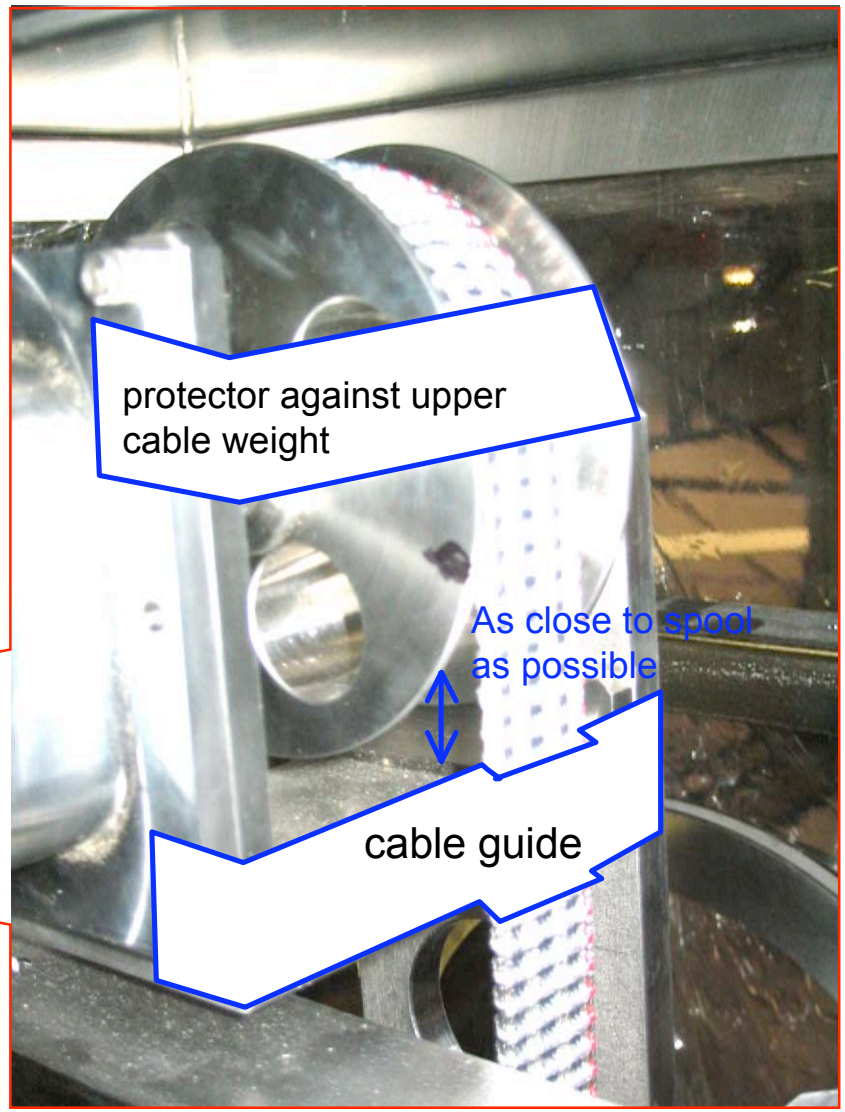
Encoder and Guide Pulleys

Lower Pulley

Needs:

- teflon protector against upper cable weight
- teflon cable guide for pulley



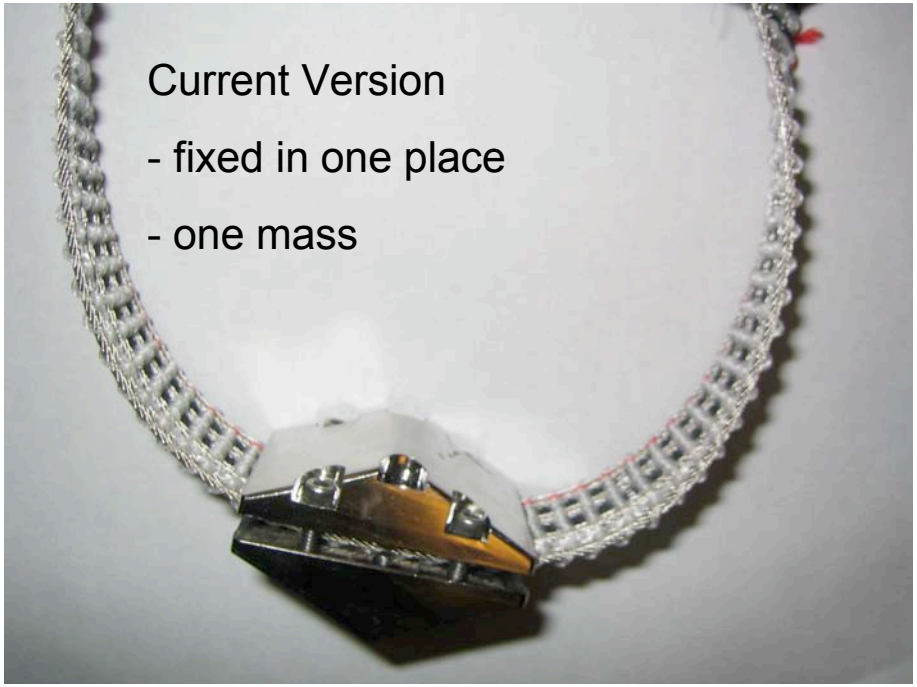


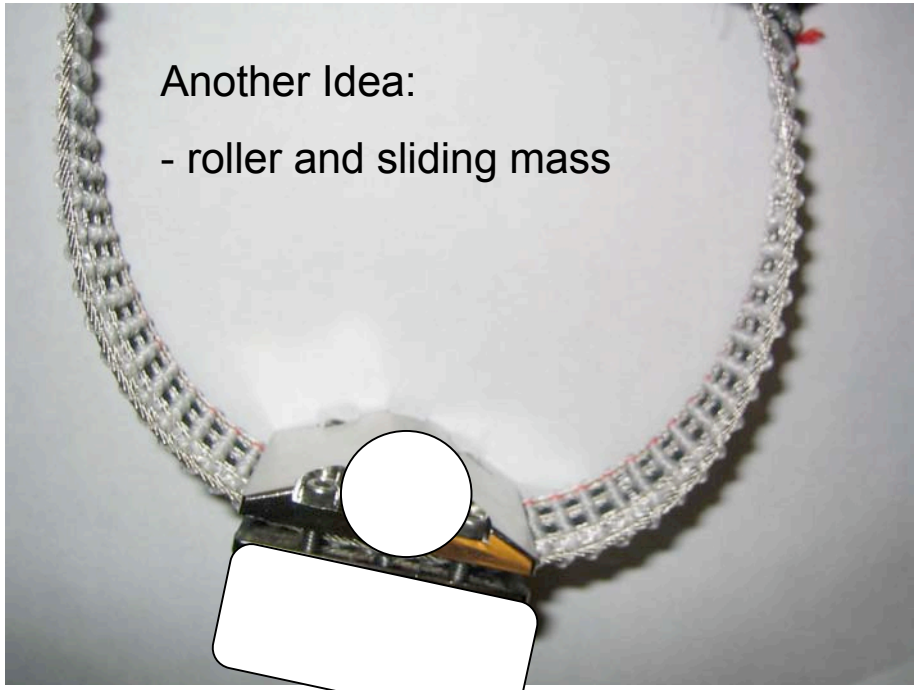
Cable Weight

Needs:

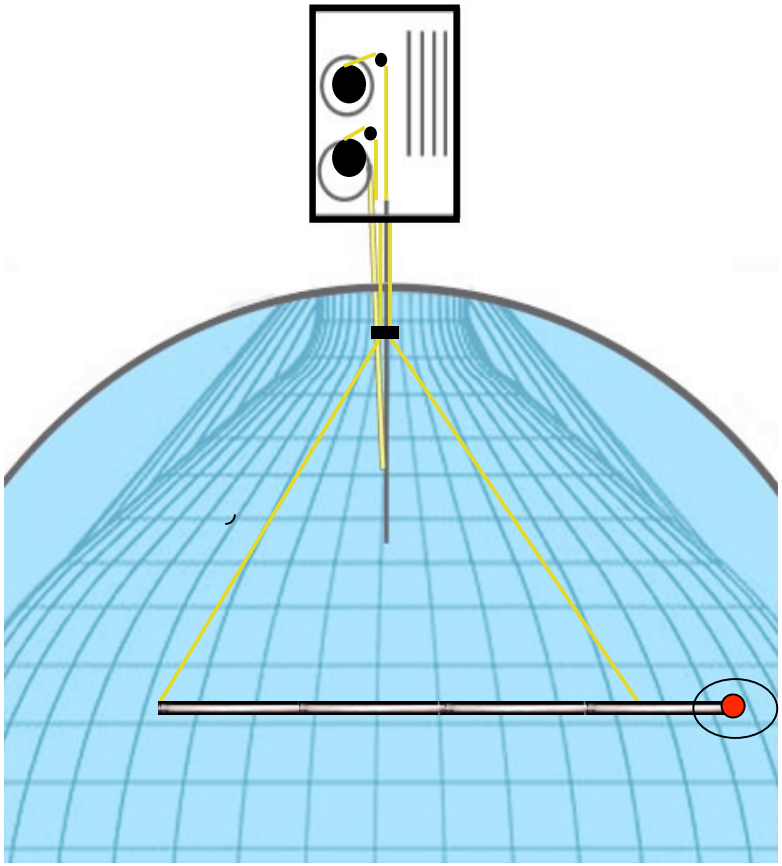
- sliding cable weight
- option to vary mass?

Quantity: 1





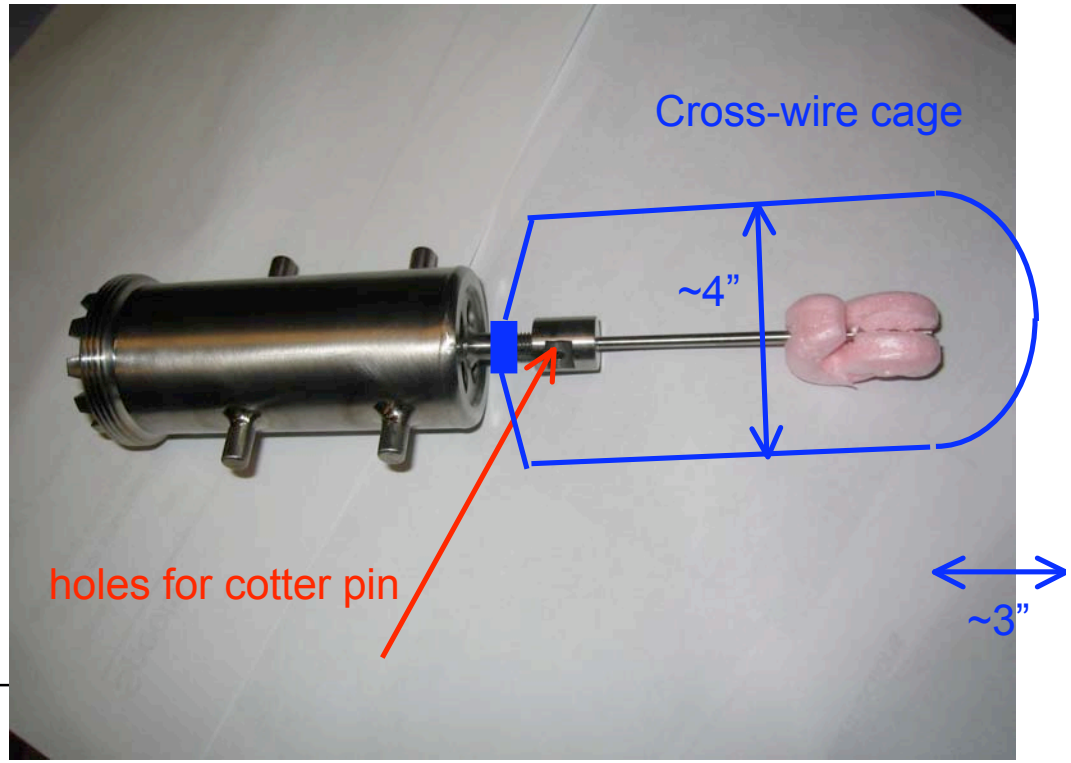
Source/Balloon Protection Cage



Needs:

- 2 stainless-steel cross wires as cage around source. wire cage attaches to source holder.

- make holes fit for cotter pin

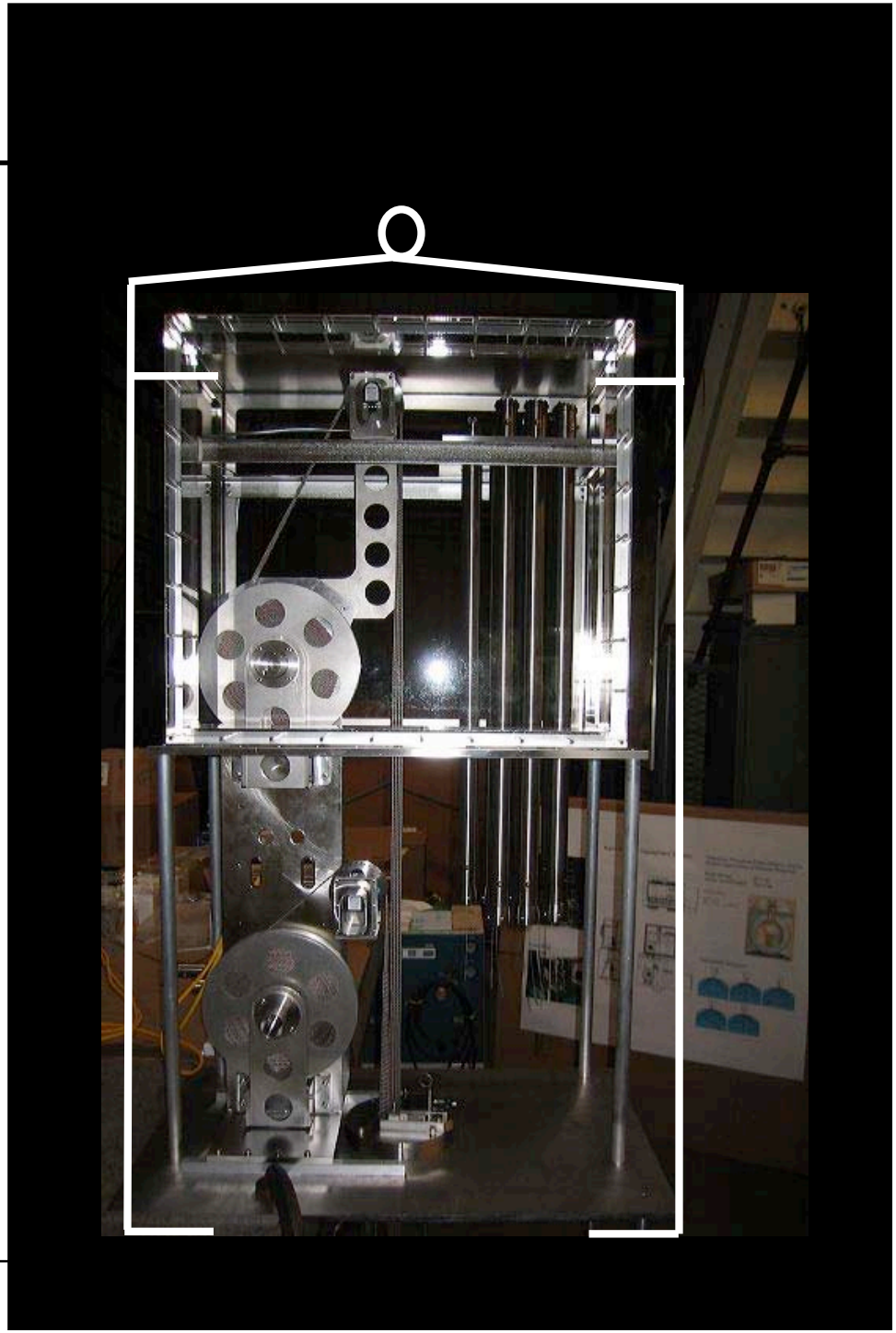


Lifting Fixture

Needs:

- fixture that allows lifting of complete unit
- load: ~ 400 lbs

Quantity: 1



Bldg 50, Rich Kuiper

1. New enclosure for prototype instrumentation unit

(John Wolf and Rich Kuiper are talking directly. Part is in Kuiper's queue.)